MMS

Media Management System

Main functionalities

- Digital Asset Management
- ■Workflow management
- Editing/processing functionalities
- Media Contents
- Recording application
- ■Transcoding engine
- Multiple interfaces

Digital Asset Management (1/2)

- MMS is the cloud option to centralize and organize your Media Content: Video, Audio, Images
- MMS thumbnail Media Items view is very visual and easily accessible, no matter the size of your library, MMS help you to keep it manageable
- MMS list Media Items view help you to sort media contents based on information such as title and upload date



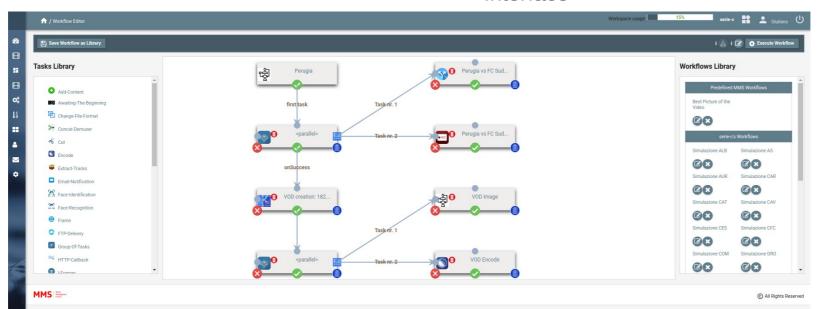
Digital Asset Management (2/2)

- MMS does not need any IT support
- MMS allows you to group Media Contents in Workspaces. For example you can have a Workspace to save all the *News* Media Contents accessible only by the News Editorial Team, and a *Sport* Workspace to save all the *Sport* Media Contents accessible only by the Sport Editorial Team
- Upload of Media Contents is done easily by drag and drop or providing a URL to MMS to upload the media content. In caso of content too large, like videos, it is also possible to upload the content spliting it in chunks
- Metadata can be associated to each content: title, tags, description and any user data information
- Metadata will help you to find the media contents using the Advanced Search dialog

Workflow management

- Workflow defined by the user
- Library of predefined Task
- Task Library can be extendable
- Parallel execution of multiple Workflows

- Management of synchronous and asynchronous Tasks
- Definition of Workflows by API
- Definition of Workflows by WebInterface



Editing/processing functionalities

- Video-Audio Cut and Concat (Frame Accurate)
- Image crop
- Face detection (ex: thumbnails generation) and learning
- Face recognition
- Audio extraction/Processing
- Video-Audio Slow Down
- Video Slide show
- Picture in Picture
- Overlay of image-text
- Live Mosaic
- Live Proxy

- Change file format
- Frame extraction/Processing
- Count-down video creation
- Motion JPEG
- Media Cross References
- POST on Facebook
- POST on YouTube
- FTP delivery
- HTTP callback
- Email-notification

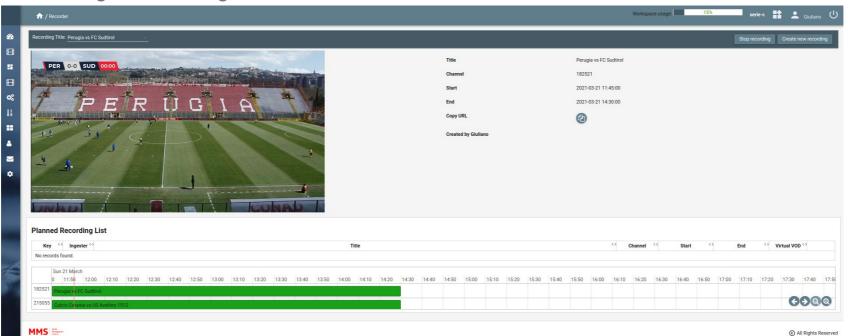
Media Contents

- Live Stream Cloud Ingest (UDP, RTP, SRT, RTMP, HTTP HLS, ecc)
- Direct HD SDI Ingest
- H264, H265, ...
- Multi resolution ingest
- Live-VOD scalability: unlimited
- Live2VOD capabilities: use of live streams to provide VOD catch up
- Editing/Export/Publishing of Media Contents



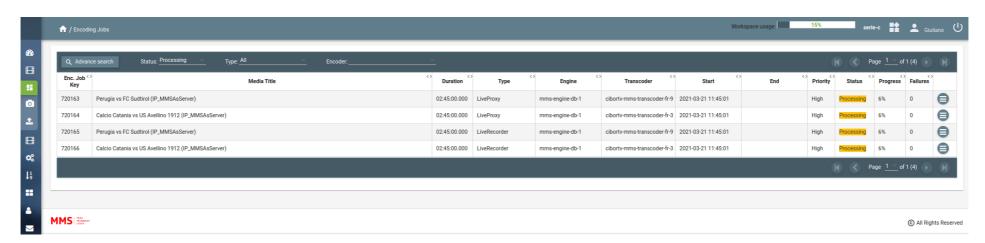
Recording application

- Easy way to record IP live feed (UDP, RTP, SRT, RTMP, HTTP HLS, ecc)
- Preview of each recording
- VOD available for editing during the recording up to 10 seconds from real time
- Scheduling of recording



Transcoding engine

- ffmpeg open source used by default
- Possible integration with third party transcoders
- H264/H265/... Input/Output
- Management of array of transcoders
- Management of encodings by priorities
- Load balancing of Transcoders



Multiple interfaces

- REST API: integration of all MMS functionalities
- Java MMS REST API Library
- Java MMS Workflow Library
- Secure Content delivery (token by path or parameter, TTL, max retries)
- Users' rights management (native or integration with Active Directory available)
- WEB interface